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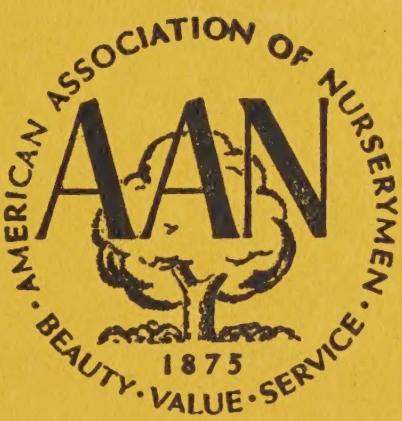
★ FEB 4 1948 1949 ★

U. S. Department of Agriculture

# WILLIS NURSERY COMPANY

*Growers of Fine Nursery Stock*

OTTAWA, KANSAS



## SPRING WHOLESALE LIST

January 25, 1949

# Terms and Conditions of Sale

## TERMS AND CONDITIONS

**2% discount for payment in ten days from date of invoice.  
Net, 30 days**

**C. O. D. Orders must be accompanied by one-fourth cash.**

**Packing will be charged at cost on all orders except bulk truck or car shipments.**

**6% interest charged on past due accounts.**

PRICES in this list cancel all previously published prices and are subject to change without notice. Order in multiples of 10 of a variety and grade. These prices apply on the following quantities:

**Fruit Trees, Shade Trees, Shrubs, Roses, Vines, Perennials, Bulbs**  
300 or more @ 1000 rate (where published).  
30 to 300 @ 100 rate.  
10 to 30 @ 10 rate.  
Under 10 @ 25% above 10 rate.

All grades and varieties in any one class allowed to make total. For example: All fruit trees are considered one class, all shrubs one class, etc.

**Small Fruits, Hedge-plants, Privet, and all Seedlings:**  
300 of same variety and grade @ 1000 rates.  
Under 300 of same variety and grade @ 100 rates.

**Evergreens, B & B.**  
30 trees (any assortment) @ 100 rate.  
5 trees (any assortment) @ 10 rate.  
Less than 5 trees @ each rate.

**Note:** Classifications as given above are understood to be as listed under general headings in price list. For example: Fruit Trees, Vines, Bulbs, etc.

Broken lots of less than 10 of any one variety and grade will be billed at 25% above the 10 rate.

**BOXES** will be charged at cost. **BALES** will be charged at actual cost of material and labor. No charge for loading bulk trucks or cars.

**SHIPPING**—Please tell us how to ship your order, whether by rail freight, motor freight, or express, stating route if you have a preference. In the absence of definite instructions we will forward shipment the way we think best, without assuming responsibility. We are on the Santa Fe and Missouri Pacific railroads. All shipments travel at risk and expense of purchaser.

**NON-WARRANTY**—We give no warranty, express or implied, as to quality, life or productiveness of stock we sell. It is mutually agreed that our liability for stock proven untrue to name shall be limited to replacement or refund of original purchase price. All contracts subject to crop.

**CLAIMS**—All claims for any cause must be made immediately upon receipt of goods. We will not entertain claims which are filed after goods have been accepted or which are not made within five days after arrival of stock.

## SHRUBS

All of our shrubs are field-grown and graded according to the standards of the American Association of Nurserymen. Sizes noted in descriptions indicate average height of shrubs at maturity as given in "Hortus."

		per 10	per 100
<b>ALMOND FLOWERING</b> ( <i>Prunus glandulosa</i> )	Pink. Profusion of double flowers along stems; early spring. 5 ft.		
18-24 inches, own root	(\$350.00 per 1000)	4.50	40.00
12-18 inches, own root		2.90	25.00

<b>ALTHEA</b> ( <i>Hibiscus syriacus</i> )	Rose of Sharon. Bush form. Striking hollyhock-like flowers in late summer. 10-12 ft.
<b>Pink, Red</b>	—State color wanted.

3-4 feet		4.50	40.00
2-3 feet		3.70	30.00
18-24 inches		2.90	22.00

<b>BARBERRY</b> ( <i>Berberis</i> )	Valuable for massing and for low hedging.
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<b>Mentorensis</b> (Plant Patent No. 99)	Thick heavy foliage. Heat and drought resistant. Evergreen in the south. 5 ft.
18-24 inches, (Retail \$10.00 per 12; \$70.00 per 100)	6.00 52.50
15-18 inches, (Retail \$7.25 per 12; \$50.00 per 100)	5.00 37.50
12-15 inches, (Retail \$6.00 per 12; \$40.00 per 100)	4.00 30.00

<b>Red Leaved (New)</b>	Bright red foliage all summer. 6 to 8 ft.
15-18 inches	3.50 30.00
<b>Thunbergi.</b> For hedges and mass plantings. Red berries. 8 ft.	
18-24 inches (\$220.00 per 1000)	2.90 25.00
15-18 inches (\$180.00 per 1000)	2.40 20.00

<b>BUTTERFLY BUSH</b> ( <i>Buddleia</i> )	Butterfly Bush or Summer Lilac.
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<b>Charming.</b>	The nearest pink Butterfly Bush that has ever been developed. 5 ft.
No. 1	2.90 25.00
Medium	2.40 20.00
No. 2	1.45 12.00

<b>Dubonnet (New)</b>	Brilliant reddish-purple. Extra long, full spikes; excellent for cutting. Strong vigorous bush. 5 ft.
No. 1	2.90 25.00
Medium	2.40 20.00

<b>Floralart (New)</b>	Willis introduction. Long lavender spikes that bloom entire length at same time. One of the best. 4 ft.
No. 1	2.90 25.00
Medium	2.40 20.00

<b>CORNUS. Alba Sibirica (Coral Dogwood)</b>	Red branches, white flowers, blue berries. 8-10 ft.
18-24 inches	2.90 25.00
12-18 inches	2.10 18.00

<b>CRAB FLOWERING</b> (See Shade Trees)	
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<b>CRAPEMYRTLE</b> ( <i>Lagerstroemia indica</i> )	Crinkled or fringed flowers, very showy. When transplanting cut tops back severely and cover completely with soil. 20 ft.
<b>Pink, Red</b>	—State color wanted.
2-3 feet	3.50 30.00

18-24 inches	2.90 25.00
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## Shrubs (Continued)

**CYDONIA JAPONICA (Flowering Quince)** Bright red flowers in early spring, aromatic fruit. Cutting grown, true color. 20 ft.

3-3½ feet	4.50	40.00
2-3 feet (\$250.00 per 1000)	3.50	30.00

**DEUTZIA.** Showy flowers in early summer. Easy culture.  
**Pride of Rochester.** Showy flowers, white tinged rose.

8 to 10 ft.	3.50	30.00
2-3 feet	2.50	22.00

**ELAEAGNUS ANGUSTIFOLIA (Russian Olive)** Large shrub or small tree with silvery-gray foliage and small silvery fruit. To 20 ft.

2-3 feet	3.50	30.00
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**FORSYTHIA (Golden Bell)** Bright yellow flowers, early spring.

**Fortunei.** Upright, arching branches. 10 ft.

2-3 feet	4.00	35.00
18-24 inches	2.90	25.00
12-18 inches	2.10	18.00

**Intermedia Spectabilis.** Largest, darkest flowers. Most profuse bloomer. 10 ft.

2-3 feet	4.00	35.00
18-24 inches	2.90	25.00
12-18 inches	2.10	18.00

**HONEYSUCKLE. (Lonicera)** Desirable for foliage, flowers and berries.

**Morrowi.** Spreading habit, white flowers, red fruit. 8 ft.

2-3 feet	4.00	35.00
18-24 inches	2.90	25.00

**Tatarica Rosea.** Pink flowers, red berries. Upright, 10 ft.

3-4 feet	5.00	45.00
2-3 feet	4.00	35.00
18-24 inches	2.90	25.00

**Tatarica Rubra.** Wheeling strain. Flower buds are red; open to a deep pink. One of the best.

18-24 inches	2.90	25.00
12-18 inches	2.10	18.00

**Zabeli.** Supposed to be the darkest colored Tatarica rubra. 10 ft.

2-3 feet	4.50	40.00
18-24 inches	3.50	30.00
12-18 inches	2.50	22.00

### HYDRANGEA

**Arborescens Grandiflora (Hills of Snow)** Large double white flowers. June-July. Thrives in shade. 10 ft.

2-3 feet	5.00	45.00
18-24 inches	4.00	35.00
12-18 inches	2.90	25.00

**Paniculata Grandiflora. (Peegee H.)** July-October. Large white, cone-shaped flower heads, showy.

6 to 8 feet	4.00	35.00
18-24 inches	2.90	25.00
12-18 inches	2.90	25.00

## Shrubs (Continued)

		per 10	per 100
<b>LILAC (Syringa)</b>			
<b>Rothomagensis.</b> Vigorous grower, dependable bloomer.			
15 ft.			
2-3 feet	5.00	45.00	
18-24 inches	3.70	32.00	
<b>PHILADELPHUS (Syringa or Mockorange)</b>			
<b>Coronarius (Sweet Mockorange).</b> Fragrant white flow-			
ers, vigorous. 10 ft.			
3-4 feet	4.50	40.00	
2-3 feet	4.00	35.00	
18-24 inches	2.90	25.00	
<b>Grandiflorus.</b> Clusters of large, scentless white flow-			
ers. 10 ft.			
18-24 inches	2.90	25.00	
12-18 inches	1.80	15.00	
<b>Virginalis.</b> Double, fragrant flowers over a long season beginning			
in May. 7 to 8 ft.			
18-24 inches	5.50	50.00	
<b>PRUNUS (See Shade Trees)</b>			
<b>PRIVET. (See Hedge Plants)</b>			
<b>ROSE ACACIA (Robinia Hispida)</b> Large clusters of showy			
pink flowers resembling sweet peas. 7 ft.			
18-24 inches	3.50	30.00	
<b>SPIREA.</b> One of the most useful group of shrubs.			
<b>Anthony Waterer.</b> Dwarf shrub with flat-topped			
clusters of pinkish-red flowers all summer.			
12-15 inches	2.90	25.00	
<b>Arguta (Garland Spirea)</b> Upright, narrow leaves, clus-			
ters of single white flowers. 5 to 6 ft.			
18-24 inches	2.90	25.00	
12-18 inches	2.10	18.00	
<b>Billardi.</b> Bright pink flowers in long spikes. 5 to 6 ft.			
18-24 inches (\$200.00 per 1000)	2.90	25.00	
12-18 inches (\$150.00 per 1000)	2.10	18.00	
<b>Froebeli.</b> Semi-dwarf, with beautiful pink flowers			
all summer long. 4 ft.			
18-24 inches	2.90	25.00	
12-18 inches	2.10	18.00	
<b>Thunbergi.</b> Feathery foliage, early white flowers. 3-4 ft.			
18-24 inches	2.90	25.00	
<b>Vanhouttei</b> (Bridalwreath) Most popular shrub.			
3-4 feet	4.00	35.00	
2-3 feet	2.90	25.00	
18-24 inches	2.10	18.00	
<b>SYMPHORICARPOS (Snowberry)</b>			
<b>Chenaulti.</b> Small leaves, pink flowers, red fruit. 6			
to 8 ft.			
12-18 inches	1.80	15.00	
<b>Mollis.</b> Small round leaves, large clusters of big			
white berries. 4 ft.			
18-24 inches	2.10	18.00	
12-18 inches	1.70	14.00	
<b>TAMARIX</b>			
<b>Africana.</b> Feathery green foliage. Pink flowers. 12 to			
15 ft.			
3-4 feet (\$350.00 per 1000)	4.50	40.00	
2-3 feet (\$250.00 per 1000)	3.50	30.00	
18-24 inches (\$180.00 per 1000)	2.50	20.00	
12-18 inches	1.90	16.00	

## Shrubs (Continued)

		per 10	per 100
<b>Hispida.</b>	Blue-green foliage. Pink flowers, blooms nearly all summer. 12 to 15 ft.		
3-4 feet (\$350.00 per 1000)	4.50	40.00	
2-3 feet (\$250.00 per 1000)	3.50	30.00	
18-24 inches (\$180.00 per 1000)	2.50	20.00	
12-18 inches	1.90	16.00	

**Note:** All *Tamarix* shrubs should be cut off at the ground to insure success in transplanting.

**VIBURNUM OPULUS STERILIS (Snowball)** Large white balls of flowers. 12 ft.

18-24 inches	4.00	35.00
12-18 inches	3.20	28.00

**VITEX MACROPHYLLA (Chaste Tree)** Semi-dwarf, hardy, attractive lavender-blue flowers. 10 ft.

2-3 feet	4.00	35.00
18-24 inches	3.20	28.00

**WEIGELIA**

**Newport (New)** Bright red flowers, strong grower, very desirable.

2-3 feet	6.50	60.00
18-24 inches	5.50	50.00

**Floribunda.** Deep red flowers.

18-24 inches	4.50	40.00
12-18 inches	3.20	28.00

**Rosea.** Bright pink flowers. 8 ft.

3-4 feet	5.00	45.00
2-3 feet	4.00	35.00
18-24 inches	2.90	25.00

**WILLOW (Salix)**

**Discolor (Pussy Willow)** Gray catkins in early spring; small, narrow leaves. 20 ft.

2-3 feet	3.00	25.00
18-24 inches	2.40	20.00

**Irrorata (Blue Stem Willow)** Catkins in early spring; white blooms; leaves shiny, slightly toothed.

2-3 feet	3.50	30.00
18-24 inches	2.50	22.00

## VINES

**AMPELOPSIS (Ivy)**

**Englemanni.** Hardy clinging vine, bright autumn colors.

2 yr., No. 1	2.40	20.00
2 yr., Medium	1.90	16.00
2 yr., No. 2	1.40	12.00

**Tricuspidata (Veitchi) (Boston Ivy)** Handsome glossy green foliage; clings to brick, stone or stucco.

2 yr., No. 1 (\$200.00 per 1000)	2.50	22.00
2 yr., Medium (\$160.00 per 1000)	2.10	18.00

**CELASTRUS SCANDENS (American Bittersweet)** Large clusters of orange-scarlet fruit, persisting all winter. These vines were propagated from fruiting plants.

2 yr., No. 1 (\$220.00 per 1000)	2.90	25.00
2 yr., Medium	2.10	18.00

**CLEMATIS, PANICULATA.** Fragrant white flowers in clusters.

2 yr., No. 1	4.00	35.00
2 yr., Medium	2.90	25.00
2 yr., No. 2	2.40	20.00

## Vines (Continued)

## LONICERA (Honeysuckle)

Dreer's Everblooming. (*Semperfivens magnifica*)

Orange-scarlet trumpets; everblooming; hardy.

No. 1	4.50	40.00
Medium	3.50	30.00

**Goldflame.** A Willis introduction. Flame-coral trumpets lined with gold. Flowers abundantly from May until frost. Can be trained as a shrub, ground cover, or vine. America's finest hardy everblooming plant.

No. 1	4.50	40.00
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Hall's Japan (*Halleana*) Pure white changing to yellow

2 yr., No. 1	1.90	16.00
2 yr., Medium	1.40	12.00

Scarlet Trumpet (*L. semp.*) Bright scarlet.

2 yr., No. 1	2.90	25.00
2 yr., Medium	2.10	18.00

## Tellemanniana. Enormous showy yellow trumpets.

No. 1	4.50	40.00
Medium	3.50	30.00

## POLYGONUM AUBERTI (China Fleecevine, Silver Lace

Vine) Covered with masses of foamy-white flowers in fall. Very rapid growth.

2 yr., Medium	2.90	25.00
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WISTERIA, PURPLE (*Chinensis*) Blooming-strain.

Propagated from cuttings taken from blooming wood. The result is the same as from grafting but the process is less expensive so you buy at a much lower price.

	per 10	per 100
2 year, No. 1 (\$200.00 per 1000)	2.90	25.00
2 year, Medium (\$150.00 per 1000)	2.40	20.00

## SHADE TREES

All our shade trees are nursery-grown with plenty of space between them in the row to allow for proper development. Calipers are measured 6 inches above collar. Sizes given in descriptions indicate height at maturity as given in "HORTUS."

BIRCH (*Betula*)River or Black (*Nigra*) Yellow flaking, papery bark.

100 feet.		
3-3 1/2 inch caliper	50.00	.....
2 1/2-3 inch caliper	42.50	.....

CRAB FLOWERING (*Malus*)

## Atrosanguinea. Purple-bronze foliage, rosy-lavender flowers. Purplish fruit. 18 ft.

3-4 feet	6.00	55.00
2-3 feet	4.50	40.00

## Dolgo. White flowers. Large showy red fruit; good for jelly.

4-5 feet	6.00	50.00
3-4 feet	4.50	40.00

## Eleyi. Foliage red in spring, flowers vinous red, single; fruit red. 40 ft.

4-5 feet	8.00	75.00
3-4 feet	6.50	60.00

## Hopa. Brilliant display of pink flowers in spring.

3-4 feet	5.50	50.00
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## Shade Trees (Continued)

		per 10	per 100
<b>Neidzwetzkyana (Pumila)</b>	Single red flowers, red fruit. Bark and wood reddish. 40 feet.		
3-4 feet	6.50	60.00	
2-3 feet	5.00	45.00	
<b>Scheideckeri.</b>	Flowers pale pink and semi-double. Yellow fruit. 25 feet.		
3-4 feet	6.50	60.00	
2-3 feet	5.00	45.00	

## ELM (Ulmus)

**American.** America's best street tree. 120 feet.

2 1/2-3 inch caliper	40.00		
2-2 1/2 inch caliper	32.50		
1 3/4-2 inch caliper	25.00		
1 1/2-1 3/4 inch caliper	20.00		
6-8 feet	9.00	80.00	
5-6 feet	6.50	60.00	

**Chinese.** Very rapid grower. Makes good screens, hedges and specimens. Especially adapted to dry climates.

8-10 feet, transplants	12.50	115.00	
6-8 feet, transplants	9.00	80.00	
5-6 feet, root pruned seedlings	4.00	35.00	
4-5 feet, root pruned seedlings	2.60	22.00	

## HAWTHORN (See Thorn)

## HOP TREE (See Ptelea)

## MAPLE

<b>Schwedler.</b> Leaves bright reddish-purple in spring. 7-8 feet, whips	20.00	185.00	
<b>Soft or Silver.</b> Fast growing, silvery leaves. 120 feet. 5-6 feet	6.50	60.00	

## OAK (Quercus)

**Bur (Q. macrocarpa)** Very large foliage and large mossy-capped acorns. Broad, spreading habit, one of the largest oaks. 80 feet.

2 1/2-3 inch caliper	60.00		
2-2 1/2 inch caliper	45.00		
1 1/2-2 inch caliper	37.50		

**Pin (Q. palustris)** Highly ornamental species of pyramidal habit, especially desireable for street planting. 80 feet.

3-3 1/2 inch caliper	60.00		
2 1/2-3 inch caliper	50.00		
2-2 1/2 inch caliper	40.00		

## PEACH, DOUBLE FLOWERING (Prunus)

5-6 feet	8.50	75.00	
4-5 feet	6.50	60.00	
3-4 feet	5.50	50.00	

**Burbank.** Double. Pink bud opening white.**Camelliaflora.** Large, fully double, deep red flowers.**Peppermint Stick.** Large red and white striped flowers.**San Jose.** Clear light pink flowers; earliest to bloom.**PERSIMMON, AMERICAN (Diospyros virginiana)** Round topped heads, edible fruit, hardy. Handsome foliage especially in autumn. 50 feet.

1 1/4-1 1/2 inch caliper	20.00		
6-8 feet	15.00		
5-6 feet	11.00	100.00	

## Shade Trees (Continued)

## PLUMS, ORNAMENTAL (Prunus)

per 10

per 100

<b>Blieriana.</b> Reddish-purple foliage. Large double pink flowers, unusually fragrant.		
4-5 feet	8.50	75.00
3-4 feet	7.00	60.00

**Hansen Bush Cherry.** Attractive ornamental shrubs that bear heavy crops of edible fruits. Foliage turns rich colors in autumn.

2-3 feet	2.90	25.00
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**Newport.** Purple foliage with red tips.

5-6 feet	12.00	110.00
4-5 feet	10.00	90.00
3-4 feet	7.50	70.00
2-3 feet	6.50	60.00

**Thundercloud.** New. Strong upright growth with deep purple foliage. Hold color better than other varieties.

4-5 feet	10.00	90.00
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**Triloba. (Double Flowering Plum)** Small tree, slender branches. Thickly set double pink flowers. 10 feet.

4-5 feet	10.00	90.00
3-4 feet	8.00	70.00
2-3 feet	7.00	60.00

## POPLAR (Populus)

**Lombardy.** Grows rapidly in tall slender columnar form. Low branched. 90 feet.

6-8 feet	4.50	40.00
5-6 feet	2.90	25.00
4-5 feet	2.20	18.00

**PTELEA TRIFOLIATA (Hop Tree)** Shrubby ornamental tree with three-parted leaves and showy fruit.

6-8 feet	10.00	
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**RED BUD (Cercis canadensis)** Heart-shaped leaves; rosy-red flowers in spring. 40 feet.

3-4 feet	6.50	60.00
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**ROSE ACACIA, Standards (Robinia hispida)** Compact globe-shaped top with large showy clusters of bright pink flowers. Cut back two or three times during summer for recurrent bloom. We will cut tops back before shipping to prevent damage in transit.

4-5 foot stems	17.50	150.00
3-4 foot stems	15.00	135.00

**SYCAMORE, AMERICAN (Platanus occidentalis)** Smooth bark, becomes almost white with age. 100 feet.

5-6 feet	11.00	100.00
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**THORN, PAUL'S SCARLET.** Highly ornamental trees with clusters of double scarlet flowers.

4-5 feet, branched	20.00	175.00
3-4 feet, branched	16.50	150.00

**WILLOW, WEEPING (Salix)** Long drooping branches. 30 ft.

**Niobe.** Gold bark.

3-4 feet	2.90	25.00
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**Pussy (See Shrubs)**

**Thurlow.** Green bark. Best for the South.

4-5 feet	4.00	35.00
3-4 feet	2.90	25.00

**Wisconsin.** Green bark.

5-6 feet	7.00	60.00
4-5 feet	4.00	35.00
3-4 feet	2.90	25.00

## Shade Trees (Continued)

		per 10	per 100
<b>WALNUT, BLACK</b> ( <i>Juglans nigra</i> )	Large compound leaves. Bears high quality nuts and wood. Very valuable in commerce. 150 feet.		
5-6 feet		10.00	90.00
4-5 feet		7.50	70.00

## HEDGE PLANTS

		per 100	per 1000
<b>ELM, CHINESE</b> (See Ornamental and Shade Tree Seedlings)			
<b>PRIVET</b>			
<b>Amur River, North.</b>	Hardy well-adapted to northern states.		
2-3 feet, 4 canes and up		12.00	100.00
<b>Amur River, South</b>			
2-3 feet, well branched		9.00	80.00
18-24 inches, well branched		7.50	65.00
12-18 inches, well branched		6.00	50.00
<b>Ibolum</b> (Hardy California Privet)	Cross between Ibota and California. Hardiness of the former and beauty of the latter.		
2-3 feet, 4 canes and up		9.00	80.00
<b>Regal.</b>	Selected strain of Ibota. Clusters of black berries in autumn and winter. Grown from cuttings.		
18-24 inches, well branched		2.90	25.00
12-18 inches, well branched		2.10	18.00
<b>OLIVE, RUSSIAN.</b> Seedlings			
6-12 inches		2.10	18.00
<b>SPIREA VANHOUTTEI.</b> 1 year			
12-18 inches		9.00	80.00
6-12 inches		6.00	50.00

## EVERGREENS

On account of heavy advance sales of Evergreens for spring delivery we are unable to publish a list at this time. We suggest that you send us your list of requirements for quotations.

## BROADLEAF EVERGREENS

		per 10	per 100
<b>Mahonia aquifolium</b> (Oregon grape)	Extremely hardy ornamental plant. Produces clusters of yellow flowers followed by panicles of blue grape-like fruit. Shiny holly-like foliage. Well furnished.		
18-24 inches, B and B		37.50	350.00
		Each	per 10
<b>Pyracantha Coccinea</b> (Vincent's Strain)	A rapid-growing shrub-form, broadleaf evergreen with attractive foliage. Large clusters of orange colored berries in late summer and autumn.		
3 inch pots		.40	3.50
			30.00

## ROSES

All of our roses are graded according to the standards of the American Association of Nurserymen.

## TEA AND HYBRID TEA

	per 10	per 100	per 1000
No. 1	5.50	50.00	450.00
No. 1 1/2	4.50	40.00	350.00
No. 2	2.90	25.00	220.00

## Roses (Continued)

**American Beauty.** Deep pink, delightful fragrance, vigorous.  
**Ami Quinard.** Dark velvety-crimson, almost black.  
**Betty Uprichard.** Coppery-red buds, large flowers of orange-carmine.  
**Briarcliff.** Fine flower of silvery rose-pink.  
**Caledonia.** Long snowy-white buds, fragrant.  
**Christopher Stone.** Velvety scarlet-crimson; fragrant, strong grower.  
**Columbia.** Long stemmed pointed flowers, vivid pink; highly perfumed.  
**Condessa De Sastago.** Petals coppery-pink inside, golden on outside.  
**Cynthia.** Color and form comparable to Chas. P. Kilham, soft glowing red.  
**Dame Edith Helen.** Shapely buds and high-centered blooms of clear pink.  
**E. G. Hill.** Long bud, fully double, dazzling scarlet; vigorous.  
**Edith Nellie Perkins.** Buff inside, coppery-pink outside.  
**Editor McFarland.** Shapely buds and double, brilliant pink blooms.  
**Etoile De Hollande.** Brilliant red, huge, free flowering, fragrant.  
**Frau Karl Druschki. (White American Beauty)** Magnificent pure white.  
**Golden Charm.** Clear yellow form of Talisman, exceptionally fine yellow.  
**Golden Dawn.** Rich straw-yellow buds flushed old-rose; flowers sun-flower yellow.  
**Grenoble.** Clear scarlet-red, tall, strong growing.  
**Kaiserin Auguste Viktoria.** Snowy-white tinted yellow at center.  
**Konigin Luise.** Pure white, double.  
**Lady Hillingdon.** Pointed buds of deep saffron-yellow, fragrant.  
**Luxembourg.** Coppery-yellow with deep yellow stains at base of petals.  
**Mrs. P. S. DuPont.** Double, rich yellow, free flowering.  
**Picture.** Warm pink, salmon undertones.  
**Pink Dawn.** Flowers perfectly formed, deep rose-pink shaded orange.  
**Poinsettia.** Beautiful deep velvety-red, subtle rose fragrance.  
**President Herbert Hoover.** Cerise-pink, flame scarlet and yellow.  
**Radiance.** Brilliant rose-pink; America's most popular rose.  
**Red Radiance.** Similar to Radiance, but deep rose-red; everblooming.  
**Red Talisman.** Red sport of Talisman.  
**Rouge Mallerin.** Double blooms of lasting deep red.  
**Souer Therese.** Long pointed buds of chrome-yellow marked with carmine, opening into a rich daffodil-yellow.  
**Sunburst.** Yellow suffused with orange at center, well shaped.  
**Talisman.** Bright apricot-gold and deep pink. Very popular.  
**The Doctor.** Iridescent shining pink. Enormous, graceful, very fragrant blooms.

## POLYANTHA

	per 10	per 100	per 1000
No. 1	5.50	50.00	450.00
No. 1 1/2	4.50	40.00	350.00
No. 2	2.90	25.00	220.00

**Else Poulsen.** Bright rose-pink flowers of good size, large clusters.  
**Gloria Mundi.** Large fully double, lasting, orange-scarlet clusters.  
**Golden Salmon.** Large clusters of bright orange-salmon.  
**Katharina Zeimet.** Double pure white flowers, very fragrant.  
**Poulsen Yellow.** Copper-yellow clusters; intensely fragrant.  
**Red Ripples.** Oxblood-red to carmine, semi-double.

## CLIMBING

	per 10	per 100	per 1000
No. 1	5.50	50.00	450.00
No. 1 1/2	4.50	40.00	350.00
No. 2	2.90	25.00	220.00

**Climbing American Beauty.** Carmine, fine form rich perfume.  
**Climbing Ami Quinard.** Dark velvety-crimson, almost black.  
**Climbing Etoile De Hollande.** Brilliant red, huge, free flowering, fragrant.  
**Climbing Pink Radiance.** Cameo-pink, fragrant.  
**Climbing Mrs. P. S. DuPont.** Double, rich yellow.  
**Climbing Red Radiance.** Deep rose-red.  
**Climbing Talisman.** Bright apricot, gold and deep pink.  
**Dr. W. Van Fleet.** Pale pink flowers, equal to best tea rose.  
**Mary Wallace.** Pink and gold, double.  
**Paul's Scarlet.** Intense scarlet, vigorous and free flowering.  
**Silver Moon.** Silvery-white, yellow stamens, very large.

## Roses (Continued)

## AUSTRIAN COPPER ROSE

Introduced in 1596, one of the oldest roses in cultivation. The colors have never been improved upon. Actually, one of the most amazing roses you have ever seen. The single flowers are intense coppery-red on one side and bright golden yellow on the other. Hardy, vigorous when well established. Early bloomer.

## Prices

No. 1	6.00 per 10; 55.00 per 100
No. 1 1/2	5.00 per 10; 45.00 per 100

## PERENNIALS

		per 10	per 100
ARTEMISIA. Silver King.	Silvery-gray foliage plant	1.80	15.00

## ASTERS

Blue Gem.	Large, lovely flowers of blue, yellow center, 3 ft.	1.80	15.00
Lilac Time.	Dwarf, deep violet-blue flowers	1.80	15.00
Mrs. F. W. Raynor.	Large red flowers, one of best	2.10	18.00
Red Cloud.	New, best red, very free bloomer. 3 ft.	2.10	18.00
Red Rover.	Deep rosy-red, golden center. 3 ft.	2.10	18.00
Sam Banham.	Pure feathery white. 3 ft.	1.80	15.00
Sunset.	Glorious sunset pink. One of best new pinks, 3 ft.	1.80	15.00
St. Egwin.	Good pink, semi-dwarf, compact. 18 inches	1.80	15.00

BELAMCANDA CHINENSIS (Blackberry Lily)	Long-stemmed, lily-like flower, orange spotted red	1.20	10.00
CARNATIONS (See Dianthus)			

## CHRYSANTHEMUMS

## CUSHION

		per 10	per 100
Bronze Cushion.	Deep bronze turning to coppery yellow bronze	1.80	15.00
Commander.	Double red daisy-like flowers with bright yellow center	2.10	18.00
Pink Cushion.	Numerous bright pink flowers on well formed plants	1.80	15.00
Yellow Supreme.	Pure yellow without the slightest shading	2.10	18.00

## ENGLISH

Buttercup.	Large golden yellow, incurved form	2.10	18.00
Gold Security.	Deep rich golden yellow	2.10	18.00
Hillcrest.	Rich yellow shade	2.10	18.00
Hillcrest Red.	Velvety crimson-scarlet	2.10	18.00
Yellow Gown.	Heavy blooming plants with yellow flowers of semi-incurved form	2.10	18.00

## KOREAN

Louise Schling.	Good coppery-red	1.80	15.00
Sappho.	Very good, short single yellow, compact	1.80	15.00

## POMPON

Early Bronze.	Lovely light bronze, very early	1.80	15.00
Pygmy Gold.	Button-type, pure golden shade	1.80	15.00
September Bronze.	Autumn tints shading from golden bronze to intense warm bronze	1.80	15.00

## Perennials (Continued)

SPOON	per 10	per 100
<b>Golden Spoon.</b> Unusual quilled, spoon tipped flowers of yellow	2.10	18.00

## MISCELLANEOUS VARIETIES

<b>Algonquin.</b> Clear bright yellow flowers, double	1.80	15.00
<b>Autumn Glow.</b> Rosy crimson tinged with bronze	1.80	15.00
<b>Caliph.</b> Deep, oxblood red with velvety sheen	2.10	18.00
<b>Dean Kay Yellow.</b> Bright golden yellow flowers	2.10	18.00
<b>Dean Ladd.</b> Double flowers of reddish-bronze	1.80	15.00
<b>Lavender Lady.</b> Lovely, true lavender. Full, double, large; highly recommended.	2.10	18.00
<b>Morning Star.</b> Large double flowers of soft primrose yellow shading to cream yellow	1.80	15.00
<b>Red Velvet.</b> Dark rich velvety crimson color deepens to lush dark crimson when opening	2.10	18.00

## COREOPSIS (Tickseed)

<b>Lanceolata.</b> Long-stemmed, golden yellow, single	1.20	10.00
<b>DAISY</b> (Chrysanthemum Maximum) Shasta Daisy		

**Alaska.** Large, pure white, good stems

1.40

12.00

**DIANTHUS BARBATUS** (Sweet Williams) The old fashioned Sweet William that blooms so generously in May and June.

<b>Newport Pink</b> Salmon-pink	1.20	10.00
<b>Scarlet Beauty.</b> Rich scarlet	1.20	10.00

**DIANTHUS GRENADE CARYOPHYLLUS** (Hardy Carnations) We are offering here only the best cutting-grown, named varieties; all large flowering doubles, not to be confused with inferior seedling plants.

## Spring Delivery Only on Hardy Carnations

<b>American Beauty.</b> Rose-pink. 2 inch pots	1.80	15.00
<b>Crimson King.</b> Brilliant crimson. 2 inch pots	1.80	15.00
<b>Cynthia.</b> Salmon-pink. 2 inch pots	1.80	15.00
<b>Lucia.</b> Rose-pink. 2 inch pots	1.80	15.00

## DICENTRA (Bleeding Heart)

<b>Spectabilis.</b> Old-fashioned. Large heart-shaped pink flowers in early spring. 3 to 5 eye roots	4.50	40.00
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**FUNKIA LANCIFOLIA.** Lovely blue flowers on spikes. Narrow ,dull green leaves; grows well in shade

1.80

15.00

**HELIANTHUS** (Sunflower) Loddon's Gold. Enormous, double dahlia-like flowers of bright yellow. Starts blooming in midsummer and blooms until frost. Excellent cut flower

2.40

20.00

## HEMEROCALLIS. (Daylily) Lily-like flowers.

<b>Gold Dust.</b> Early, bright yellow	1.80	15.00
<b>Kwanso.</b> (Flore Plena) Large, double coppery-red	1.40	12.00
<b>Mikado.</b> Rich orange, deep red throat	2.10	18.00
<b>Sovereign.</b> Soft chrome-yellow, shaded brown outside	1.40	12.00
<b>Thunbergi.</b> Sweet scented yellow flowers	1.40	12.00

## Perennials (Continued)

## IRIS, GERMANICA

(Tall Bearded Iris)

\$1.20 per 10; \$10.00 per 100; \$75.00 per 1000

Aline.	True azure-blue.	Juniata.	Clear blue, large, fragrant.
Baldwin.	Dark purple.	Leota.	Creamy white.
Cheorio.	Ruby red and soft rose.	Lt. Chavagnac.	Dwarf, fragrant, everblooming, pansy-violet.
Clara Noyes.	Blended red and yellow	Marco Polo.	Lustrous rose and crimson.
Depute Nomboldt.	Rosy purple and gold.	October Blaze.	Brilliant red tone.
Destiny.	Blackish bronze purple.	Pallida Dalmatica.	Deep clear lavender.
Dymia.	Dark purple, almost black.	Plumeri.	Coppery-rose and claret.
Empress India.	Heavenly blue.	Purple Queen.	Deep purple.
Frieda Mohr.	Deep pink toned.	Rameses.	Rose pink, yellow edge.
Her Majesty.	Rose pink and crimson.	Red Dominion.	Tall, rich red.
Honorabilis.	Gold and mahogany brown.	Roseway.	Deep reddish-pink
Indian Chief.	Violet and deep rich red.	Rubeo.	Velvety red.
		Violacea Grandiflora.	Violet-blue.

## IRIS, KAEMPFERI

## JAPANESE OR ORCHID-FLOWERED IRIS

These are among the showiest of perennial flowers. Large double (six petals) or single (three petals) flowers, orchid-like, in rich shades of blue, purple, gold, mahogany, etc. on tall stems. Bloom after the bearded iris are through flowering.

		per 10	per 100
Azure.	Double. Mauve-blue with darker halo surrounding yellow blotch at base of petals	2.40	20.00
Ben Chadai.	Double, very dark mahogany-purple	2.90	25.00
Kamoto.	Semi-double, dark sky-blue with white veins and gold center; inner petals soft blue	2.40	20.00
Patrocle.	Superb dark violet, single	2.40	20.00
Prosperine.	Bright rich blue produced by shading velvety-blue on white	2.40	20.00
Taiheraku.	Double, rich purple with conspicuous yellow blotches tipped blue radiating out into purple veins	2.40	20.00
Uchiu.	Double. Large flowers, long stem. Caerulean-blue with golden center and white halo from which radiate many white veins	2.40	20.00
Zama-No-Mori.	Large single flowers. White with heavy azure blue zone	2.40	20.00

IRIS, OCHROLEUCA (Yellowband Iris) White standards, falls yellow with white margin. Several large flowers on each stem. Best iris for cutting

2.10 18.00

IRIS, SIBIRICA (Siberian Iris) Rich, dark blue. Spring blooming

1.20 10.00

LATHYRUS, LATIFOLIUS (Perennial Sweet Pea)

By color—Pink, Red, or White

1.40 12.00

Mixed

1.20 10.00

LILY OF THE VALLEY. Spikes of tiny white bells, fragrant pips

.35 3.00

LYTHRUM, MORDEN'S (New) We believe this is the best of the Lythrum. Clear bright pink flowers. Plants grow upright but are much branched. Hardy

2.10 18.00

MALLOW MARVELS (Rose Mallow) Hibiscus. Improved giant strain. Mixed colors only

1.20 10.00

PENTSTEMON GARNET (Beard Tongue) The only hardy large-flowering red pentstemon. Blooms all summer

1.80 15.00

PHLOX DIVARICATA (Sweet William Phlox) Pinkish-blue flowers in early spring. Fine for shady spots. 2 inch pots

1.80 15.00

## Perennials (Continued)

per 10 per 100

## PHLOX PANICULATA

Hardy garden phlox

<b>Caroline Vandenburg.</b> Blue, large flowers, best	1.80	15.00
<b>Charles Curtis.</b> Large, sunset-red	2.10	18.00
<b>Chieftain.</b> Deep crimson	1.80	15.00
<b>Daily Sketch.</b> Salmon pink with red eye	1.80	15.00
<b>Dixie.</b> A Willis introduction, especially for the South. Bright orchid-pink, large heads, tall; remarkably disease-free foliage. Withstands high temperatures and thrives in dry weather.		
2 year plants	1.90	16.00
1 year plants	1.40	12.00
<b>Hauptman Koehl.</b> Finest glowing red	1.80	15.00
<b>Leo Schlageter.</b> Clear brilliant scarlet, best	2.10	18.00
<b>Lillian.</b> Cameo-pink with faint blue tinge	1.80	15.00
<b>Mary Louise.</b> Pure white, fragrant	1.80	15.00
<b>Prime Minister.</b> Clear white, vermillion eye	1.80	15.00
<b>R. P. Struthers.</b> Rosy carmine, red eye	1.80	15.00
<b>Royal Purple.</b> Rich purple, rose-violet eye	1.80	15.00
<b>San Antonio.</b> Brilliant red, plum-red shadings	2.10	18.00
<b>SALVIA, PITCHERI</b> (Hardy Sage) Deep gentian blue	1.40	12.00
<b>SEDUM</b> (Stonecrop)		
<b>Acre</b> (Goldmoss) Foliage green, flowers yellow, creeping	1.20	10.00
<b>Alba.</b> Creeping plant with white flowers	1.20	10.00
<b>Sieboldi.</b> Delicate pink. The best Sedum. 2 inch pots	1.40	12.00
<b>Spectabile Brilliant.</b> Deep pink, upright	1.40	12.00
<b>STATICE LATIFOLIA</b> (Great Sea Lavender) Large masses of tiny blue flowers; for winter bouquets	1.40	12.00
<b>SWEET WILLIAM</b> (See Dianthus)		
<b>VERONICA SUBSESSILIS</b> (Speedwell) Long spikes of brilliant blue flowers	1.80	15.00
<b>VINCA MINOR, BOWLES</b> (Periwinkle)		
Creeping plant with handsome, dark green foliage and large blue flowers. Excellent ground cover	1.80	15.00
<b>VIOLA ODORATA</b> (Sweet Violet)		
<b>Russian Single.</b> Sweet scented, large flowers	1.20	10.00

## SPRING BULBS

## CANNAS

	per 100	per 1000
<b>Cheerfulness.</b> Red edged with yellow, green foliage, 4 ft	6.50	55.00
<b>City of Portland.</b> Delicate pure pink, green foliage, 3 1/2 ft	6.50	55.00
<b>Eureka.</b> Large white flowers, green foliage, 4 ft.	7.50	65.00
<b>King Humbert.</b> Brilliant orange-red, bronze foliage, 4 ft.	6.50	55.00
<b>King Midas.</b> Canary-yellow, green foliage, 4 ft.	6.50	55.00
<b>The President.</b> Rich crimson-scarlet, green foliage, 4 ft.	6.50	55.00
<b>Yellow King Humbert.</b> Golden-yellow flecked red, green foliage, 4 ft.	6.50	55.00

## GLADIOLUS

Grown in Kansas — Double Inspected

	No. 2 1 1/4"-1 1/2 dia. Per 100	Per 1000
<b>Beacon.</b> Bright scarlet, cream blotch	3.50	30.00
<b>Blue Beauty.</b> Medium blue, darker toward edge	3.50	30.00
<b>Corona.</b> Creamy white, rosy edge	4.00	35.00
<b>Dr. Bennett.</b> Bright flame-red	3.50	30.00
<b>Dream O'Beauty.</b> Rose-red, large	3.50	30.00
<b>King Lear.</b> Soft dark purple	3.50	30.00
<b>Maid of Orleans.</b> White	3.00	25.00
<b>Margaret Fulton.</b> Soft, dark salmon	3.00	25.00

## Gladiolus (Continued)

		per 100	per 1000
Miss Bloomington.	Clear yellow	3.00	25.00
Picardy.	Soft shrimp-pink	3.50	30.00
Rosa Van Lima.	Light rose-pink	3.00	25.00
300 or more at 1000 rates if ordered in multiples of 100 or more per variety.			

## LILIES

American-grown

Sizes given are circumferences

		per 10	per 100
Centifolium.	Immense white trumpets, tall stems, 6-7 inches	2.50	20.00
Croft.	Satiny white flared trumpets; fragrant, 5-6 inches	2.10	18.00
Pardalinum Gigantum (Sunset)	Brilliant sunset red, golden base, purple spots, 5-6 inches	2.50	20.00
Regale (Regal Lily)	Large white trumpets, suffused with pink; fragrant, 7-8 inches	1.90	16.00
	6-7 inches	1.40	12.00
	5-6 inches	1.20	10.00

## PEONIES

Strong 3 to 5 eye divisions

All of our peonies are from young plants—none over three years. We keep our peony fields well sprayed and thoroughly cultivated so they are clean and healthy. Figures after the names are the ratings given by the American Peony Society on the basis of 10 perfect.

		per 10	per 100
Duchesse d' Orleans.	Deep pink. One of best for cut flowers. Late	3.50	30.00
Edulis Superba.	7.6 Early, deep old-rose pink. Very fragrant, prolific bloomer; double	4.00	35.00
Felix Crousse.	8.4 Late midseason; brilliant crimson; silky. Medium height, prolific bloomer, large double	4.20	38.00
Fontenelle.	Large, deep red, especially good for cutting. Midseason	4.00	45.00
Mons. Jules Elie.	9.2 Early; light rose-pink. Moderately fragrant, large double	6.00	50.00

## ORNAMENTAL and SHADE TREE SEEDLINGS

		per 100	per 1000
ASH, GREEN (Fraxinus lanceolata)			
2-3 feet		4.00	35.00
18-24 inches		3.00	25.00
12-18 inches		1.90	16.00
6-12 inches		1.20	10.00
ELM, AMERICAN (Ulmus americana)			
4-5 feet		6.00	50.00
3-4 feet		4.00	32.00
2-3 feet		2.50	22.00
18-24 inches		1.90	16.00
12-18 inches		1.40	12.00
6-12 inches		.80	7.00
ELM, CHINESE (Ulmus pumila)			
4-5 feet		7.00	60.00
3-4 feet		5.00	40.00
2-3 feet		3.20	28.00
18-24 inches		2.40	20.00
12-18 inches		1.70	14.00
6-12 inches		1.00	8.00

## Ornamental and Shade Tree Seedlings (Continued)

		per 100	per 1000
<b>HACKBERRY</b> ( <i>Celtis occidentalis</i> )			
18-24 inches		3.50	30.00
12-18 inches		2.50	20.00
6-12 inches		1.75	15.00
<b>HANSEN BUSH-CHERRY</b> ( <i>Prunus besseyi</i> )			
18-24 inches		8.50	75.00
12-18 inches		6.00	50.00
6-12 inches		4.00	35.00
<b>HONEYLOCUST</b> ( <i>Gleditsia triacanthos</i> )			
12-18 inches		1.40	12.00
6-12 inches		1.10	9.00
<b>HONEYLOCUST, THORNLESS</b> ( <i>Gleditsia triacanthos intermis</i> )			
12-18 inches		1.80	15.00
6-12 inches		1.40	12.00
<b>JAPANESE BUSH CHERRY</b> ( <i>Prunus japonica</i> )			
12-18 inches		8.50	75.00
6-12 inches		7.00	60.00
<b>JUJUBE</b> (Chinese Date) <i>Zizyphus jujube</i>			
2-3 feet		25.00	..
18-24 inches		20.00	..
12-18 inches		15.00	..
<b>LOCUST, BLACK</b> ( <i>Robinia pseudoacacia</i> )			
2-3 feet		2.90	25.00
18-24 inches		2.10	18.00
12-18 inches		1.40	12.00
6-12 inches		.90	8.00
<b>MAPLE, SOFT OR SILVER</b> ( <i>Acer dasycarpum</i> )			
12-18 inches		2.10	18.00
6-12 inches		1.40	12.00
<b>OLIVE, RUSSIAN</b> ( <i>Elaeagnus angustifolia</i> )			
6-12 inches		2.10	18.00
<b>OSAGE ORANGE</b> ( <i>Maclura pomifera</i> )			
18-24 inches		1.70	14.00
12-18 inches		1.20	10.00
6-12 inches		.80	7.00
<b>PERSIMMON, AMERICAN</b> ( <i>Diospyros virginiana</i> )			
18-24 inches		8.50	75.00
12-18 inches		5.50	50.00
9-12 inches		4.00	35.00
<b>POPLAR, LOMBARDY.</b> 1 year from cuttings.			
6-8 feet, whips		22.50	175.00
<b>WALNUT, BLACK</b> ( <i>Juglans nigra</i> )			
12-18 inches		3.50	30.00
6-12 inches		2.50	20.00

## LINING OUT STOCK

## SHRUBS

		per 100	per 1000
<b>Buddleia</b> (Butterfly Bush) (Spring Delivery Only)			
Charming, pink. Rooted cuttings from flats		6.00	50.00
Dubonnet, purple. Rooted cuttings from flats		6.00	50.00
Floralart, lavender. Rooted cuttings from sand		6.00	50.00
<b>Cydonia japonica</b> (Chaenomeles) Selected red strain. Stool layers		7.00	60.00
<b>Corylus americana</b> (American Filbert or Hazelnut) 6-12 inches, seedlings		7.00	60.00

## Lining Out Stock (Continued)

per 100 per 1000

***Euonymus alatus compactus* (Dwarf Winged Euonymus)**

2 inch pots ..... 12.00 100.00

***Euonymus europaeus* (European Euonymus)**

2 inch pots ..... 8.00 70.00

***Hydrangea paniculata grandiflora* (Peegee Hydrangea)**

Available for late fall, winter or spring delivery.

These Hydrangea are known as the Meehan strain. By far the largest and best Hydrangea P. G. on the market. These were grown and layered in the Painesville, Ohio, area of Lake County by one of the best propagators in the country.

Rooted layers ..... 12.00 100.00

***Ligustrum regelianum* (Regel's Privet)**

Rooted cuttings from beds ..... 7.00 60.00

***Rhus cotinus* (Cotinus coggygria) Purple Fringe. 6-9**

inches, seedlings ..... 15.00 -----

***Viburnum opulus sterilis* (Common Snowball)**

2 inch pots ..... 9.00 80.00

## VINES

***Ampelopsis veitchii* (Parthenocissus tricuspidata) Boston Ivy**

1 year, No. 1 seedlings ..... 5.00 45.00

***Celastrus scandens* (American Bittersweet)** Propagated from fruiting plants.

2 inch pots ..... 10.00 80.00

***Euonymus radicans colorata* (Redleaf Wintercreeper)**

Rooted cuttings from sand ..... 7.00 60.00

***Lonicera halliana* (Halls Honeysuckle)**

Rooted cuttings ..... 5.00 40.00

***Lonicera sempervirens* (Scarlet Trumpet Honeysuckle)**

Rooted cuttings ..... 6.00 50.00

***Wistaria sinensis*, layers** ..... 7.00 60.00

## EVERGREENS

per 100 per 1000

***Juniperus* (Juniper)*****Communis depressa plumosa* (Andorra J.)**

2 inch pots ..... 25.00 200.00

***Chinensis pfitzeriana* (Pfizer's J.)**

2 1/4 inch pots ..... 30.00 250.00

***Chinensis pfitzeriana*, Hill's Golden**

2 1/4 inch pots ..... 30.00 250.00

***Glauca hetzi* (Hetz's J.)**

2 1/4 inch pots ..... 30.00 250.00

2 inch pots ..... 25.00 200.00

***Hibernica* (Irish J.)**

2 inch pots ..... 20.00 150.00

***Sabina vonehron* (Von Ehron J.)**

2 1/4 inch pots ..... 30.00 250.00

***Thuja* (Arbor Vitae)*****Orientalis* (Chinese A. V.)**

6-10 inch seedlings ..... 3.00 25.00

3-6 inch seedling ..... 2.50 20.00

***Orientalis Bonita***

2 inch pots ..... 25.00 200.00

***Orientalis Excelsa***

2 1/4 inch pots ..... 25.00 200.00

2 inch pots ..... 22.50 175.00

## Lining Out Stock (Continued)

## BROADLEAF EVERGREENS

		per 100	per 1000
<b>Euonymus patens</b> (Spreading Euonymus)			
Rooted cuttings from sand		6.00	50.00
<b>Lonicera yunnanensis</b> (Yunan Honeysuckle)			
2 inch pots		8.50	70.00
<b>Pyracantha coccinea, Vincen's</b> (Vincent's Firethorn)			
2 inch pots		20.00	180.00
<b>Pyracantha coccinea pauciflora</b> (Sparse Firethorn)			
2 inch pots		20.00	180.00

## SEED

## Belamcanda chinensis (Blackberry Lily, Leopard Lily)

oz. .30c; 1/4 lb. \$1.00; lb. \$3.50

## Rhubarb, Victoria 76% germination. 1948 crop 1/4 lb. .50c; lb. \$1.00

## FRUIT TREE SEEDLINGS

## APPLE SEEDLINGS

	per 100	per 1000
1/4 inch and up, branched roots	3.50	30.00
1/4 inch and up, straight roots	3.20	28.00
No. 1, 3/16 to 1/4 inch, straight roots	2.90	25.00
No. 1, 3/16 to 1/4 inch, branched roots	2.90	25.00
No. 2, 2/16 to 3/16 inch, straight roots	2.10	18.00
No. 3, about 2/16 inch	1.40	12.00
Special Stub Grade, 2 1/2-16 inch and up. Suitable for whole root grafting and for lining out to bud	2.10	18.00
Grafter Grade, 2/16 inch and up. Suitable for making one or more piece-root grafts	1.70	14.00

## MAHALEB CHERRY SEEDLINGS

	per 100	per 1000
1/4 inch and up	3.20	28.00
No. 1, 3/16 to 1/4 inch	2.90	26.00
No. 2, 2/16 to 3/16 inch	2.40	20.00
No. 3, about 2/16 inch	1.80	15.00

## PEAR SEEDLINGS, BARTLETT

	per 100	per 1000
1/4 inch and up, straight roots	3.20	28.00
No. 1, 3/16 to 1/4 inch, straight roots	2.90	25.00
No. 2, 2/16 to 3/16 inch, straight roots	2.10	18.00
No. 3 about 2/16 inch	1.70	14.00

## PLUM, NATIVE

	per 100	per 1000
1/4 inch and up	4.50	40.00
No. 1, 3/16 to 1/4 inch	3.50	30.00
No. 2, 2/16 to 3/16 inch	2.50	20.00
No. 3, about 2/16 inch	1.80	15.00

## FRUIT TREES

The height given for fruit trees is approximate and represents the average height for most varieties. It is intended that the caliper shall govern.

Fruit trees are tied in bundles of 10 for 11-16 and 9-16; bundles of 20 for 7-16 and 5-16.

## APPLES AND CRAB APPLES

	per 10	per 100	per 1000
<b>Two Year Grafts</b>			
11-16 inch and up, 4 1/2 feet and up	5.00	45.00	400.00
9-16 to 11-16 inch, 4 feet and up	4.20	37.00	320.00
7-16 to 9-16 inch, 3 feet and up	3.20	28.00	250.00
5-16 to 7-16 inch, 2 feet and up	2.50	22.50	200.00
4-5 feet, whips	4.00	35.00	300.00
3-4 feet, whips	3.50	30.00	250.00
2-3 feet, whips	2.50	22.50	200.00

## Fruit Trees (Continued)

S. Summer; F. Fall; W. Winter; C. Commercial; H. Home  
**Anoka**, S. H. Red, mottled yellow  
**Baldwin**, W. C. Red  
**Delicious**, Dark Red, W. C. H. Red  
**Delicious**, Yellow, W. C. Yellow  
**DeLuxe**, S. H. Yellow and Red  
**Early Harvest**, S. H. Yellow  
**Grimes Golden**, W. C. Yellow  
**Jonathan**, W. C. H. Red  
**Jonathan**, Dark Red, W. C. H. Red  
**Lodi**, W. C. Red  
**Maiden Blush**, F. H. Yellow and Red  
**McIntosh**, Dark Red, W. C. Red  
**McIntosh**, Early, F. & W. C. H.  
**Rome Beauty Red**, W. C. Red  
**Stayman**, Dark Red, W. C. Red  
**Wealthy**, F. C. Red  
**Winesap**, W. C. Red  
**Yellow Transparent**, S. H. Yellow

## APRICOTS

	per 10	per 100
<b>One Year</b>		
11-16 inch and up, 4 1/2 feet and up	9.00	80.00
9-16 inch to 11-16 inch, 4 feet and up	7.50	65.00
7-16 inch to 9-16 inch, 3 feet and up	6.00	50.00
5-16 inch to 7-16 inch, 2 feet and up	5.00	40.00
<b>Border Queen</b> . Improved Moor-park		
<b>Early Golden</b> . Yellow, good quality		
<b>Moorpark</b> . Orange, best quality		
<b>Superb</b> . Hardy Russian variety		

## CHERRIES — SOUR

	per 10	per 100	per 1000
<b>One Year</b>			
11-16 inch and up, 3 1/2 feet and up	11.00	100.00	900.00
9-16 to 11-16 inch, 3 feet and up	10.00	90.00	800.00
7-16 to 9-16 inch, 2 1/2 feet and up	8.50	75.00	650.00
5-16 to 7-16 inch, 2 feet and up	7.00	60.00	550.00
1-1 1/4 inch, 4 1/2 feet and up	12.00	110.00	1000.00
<b>Early Richmond</b> . Dark red, early			
<b>English Morello</b> . Dark red, late			
<b>Montmorency</b> . Dark red, midseason			



One year old sour cherry trees, photographed in September, 1948. Constant spraying maintains good foliage throughout the season.

## Fruit Trees (Continued)

## CHERRIES — SWEET

	per 10	per 100
<b>One Year, Mostly Whips</b>		
11-16 inch up, 4 1/2 feet and up	12.00	110.00
9-16 to 11-16 inch, 4 feet and up	10.00	90.00
7-16 to 9-16 inch, 3 feet and up	8.00	75.00
<b>Black Tartarian.</b> Purplish-black, early		
<b>Governor Wood.</b> Crimson on yellow, early midseason		
<b>Kansas Sweet.</b> Dark red, early		
<b>Napoleon.</b> Red over yellow, midseason		

## PEARS — STANDARD

	per 10	per 100	per 1000
<b>Two Years</b>			
11-16 inch and up, 4 1/2 feet and up	8.50	80.00	750.00
9-16 to 11-16 inch, 4 feet and up	7.00	65.00	600.00
7-16 to 9-16 inch, 3 feet and up	5.50	50.00	450.00
5-16 to 7-16 inch, 2 feet and up	4.50	40.00	350.00
<b>Bartlett.</b> September, highest quality			
<b>Copes.</b> October, nearly seedless			
<b>Douglas.</b> September, new desirable			
<b>Garber.</b> September, very hardy			
<b>Kieffer.</b> October, excellent for cooking			

## NECTARINES

	per 10	per 100
<b>One Year</b>		
11-16 inch and up, 4 1/2 feet and up	9.00	80.00
9-16 to 11-16 inch, 4 feet and up	7.50	65.00
7-16 to 9-16 inch, 3 feet and up	6.00	50.00
5-16 to 7-16 inch, 2 feet and up	4.00	35.00
<b>Surecrop.</b> Improved, hardy as any peach. White overlaid red. Late midseason.		
<b>Hunter.</b> Yellow, heavy blush. Midseason.		

## PEACHES

	per 10	per 100	per 1000
<b>One Year Buds</b>			
11-16 inch and up, 4 1/2 feet and up	5.50	50.00	450.00
9-16 to 11-16 inch, 4 feet and up	4.50	40.00	350.00
7-16 to 9-16 inch, 3 feet and up	3.20	28.00	250.00
5-16 to 7-16 inch, 2 feet and up	2.10	18.00	150.00
<b>Belle of Georgia.</b> White midseason, free			
<b>Heath Cling.</b> Yellow, midseason, cling			
<b>J. H. Hale.</b> Yellow, midseason, free			
<b>Mayflower.</b> White, early, cling			
<b>Polly.</b> White, midseason, free			
<b>Red Haven.</b> Yellow, early, free			
<b>Salberta.</b> Yellow, late, free			
<b>Shippers Late Red.</b> Yellow, late free			

## PLUMS

	per 10	per 100	per 1000
11-16 inch and up, 4 1/2 feet and up	9.00	85.00	800.00
9-16 to 11-16 inch, 4 feet and up	7.50	70.00	650.00
7-16 to 9-16 inch, 3 1/2 feet and up	6.00	55.00	500.00
5-16 to 7-16 inch, 2 feet and up	4.50	40.00	350.00
<b>Abundance.</b> Dark red, early			
<b>Opata.</b> Purplish-red, early			
<b>America.</b> Red and yellow, early			
<b>President.</b> Very large, purplish-black, late			
<b>Bruce.</b> Bright red, early			
<b>Sapa.</b> Dark purple, very early			
<b>Burbank.</b> Dark red, early			
<b>Compass.</b> Red, bears very young			
<b>Gold.</b> Yellow turning to red, midseason			
<b>Shropshire Damson.</b> Purplish-black, late			
<b>Hanska.</b> Bright red, bears early			
<b>Stanley.</b> Blue-purple, high quality			
<b>Oka.</b> Purple, early			
<b>Waneta.</b> Large red			

**Fruit Trees (Continued)**  
**HARDY FRUITING ALMONDS**

	per 10	per 100
5-6 feet, branched	9.00	85.00
4-5 feet, branched	8.00	75.00
3-4 feet, branched	6.50	60.00

**SMALL FRUITS**

**GRAPES**

	per 10	per 100
<b>AGAWAM.</b> Dark purplish-red, midseason		
2 year, No. 1	2.00	16.00
1 year, No. 1	1.50	12.00
<b>CACO.</b> Red, high quality		
2 year, No. 1	2.40	20.00
1 year, No. 1	1.90	16.00
<b>CATAWBA.</b> Purplish-red, late, sweet, and rich		
2 year, No. 1	2.00	16.00
1 year, No. 1	1.50	12.00
<b>CONCORD.</b> Large, black midseason; keeps 1 to 2 months		
2 year, No. 1	1.70	14.00
1 year, No. 1	1.20	10.00
1 year, No. 2	.75	6.00
<b>DELAWARE.</b> Light red, early, best quality, popular		
2 year, No. 1	2.40	20.00
1 year, No. 1	1.90	16.00
<b>FREDONIA (New)</b> Early, black, good quality and bears heavily. It is predicted that this will become one of the most important commercial varieties competing with Moore's Early and Concord for first place.		
2 year, No. 1	2.00	16.00
1 year, No. 1	1.50	12.00
1 year, No. 2	1.00	8.00
<b>MOORE'S EARLY.</b> Large, black, early, best early commercial variety.		
2 year, No. 1	2.00	16.00
1 year, No. 1	1.50	12.00
<b>NIAGARA.</b> Large yellowish-green, midseason		
2 year, No. 1	2.00	16.00
1 year, No. 1	1.50	12.00
1 year, No. 2	1.00	8.00
<b>WORDEN.</b> Black, early, high quality		
2 year, No. 1	2.00	16.00
1 year, No. 1	1.50	12.00
1 year, No. 2	1.00	8.00

**BOYSENBERRIES**

	per 100	per 1000
<b>THORNLESS</b>		
No. 1 Tip plants	6.50	60.00

**RASPBERRIES**

	per 100	per 1000
<b>CUMBERLAND.</b> Black, midseason, sweet, rich.		
No. 1 tips	5.00	45.00
<b>INDIAN SUMMER (New)</b> Red, early, high quality, two crops a year, hardy, heavy bearer, disease resistant.		
No. 1 suckers	7.00	65.00
<b>LATHAM.</b> Red, very large, long season.		
No. 1 suckers	6.00	55.00
<b>SUNRISE.</b> Red, very early, high quality.		
No. 1 suckers	5.50	50.00
<b>VAN FLEET.</b> New red raspberry developed by the U.S.D.A. especially for planting in the South.		
No. 1 tips	5.00	45.00

## Small Fruits (Continued)

per 100 per 1000

## BLACKBERRIES

**EARLY HARVEST.** Root-cuttings plants; rust-free  
Very early, long season.

No. 1	5.00	45.00
No. 2	3.50	30.00

## STRAWBERRIES

## JUNEBEARING VARIETIES

Blakemore	1.50	12.00
Premier	1.75	15.00
Robinson	1.50	12.00
Senator Dunlap	1.25	10.00

## EVERBEARING VARIETIES

Gem	2.00	17.50
Streamliner	3.00	25.00

## GARDEN ROOTS

		per 100	per 1000
<b>ASPARAGUS</b>			
Washington, 2 year		1.90	16.00
Washington, 1 year		1.20	10.00
<b>HORSERADISH, Root Cuttings</b>		3.50	30.00
<b>RHUBARB</b>			
MacDonald. Strong divisions		30.00	...
Victoria. Whole roots.			
1-1 1/2 inches		5.00	45.00
5/8 to 1 inch		4.00	35.00
1/2 to 5/8 inch		3.00	25.00

## B. F. GOODRICH BUDDING STRIPS

No.	Color	Length	Season 1949 Cut	Thickness	Approximate Count Per Pound
17225	Red	4"	3-16"	.010"	3600
17229	Red	5"	3-16"	.010"	2900
17405	Red	3 1/2"	1-4"	.016"	1950
17404	Red	4"	3-16"	.016"	2250
17406	Red	4"	1-4"	.016"	1700
17411	Red	5"	3-16"	.016"	1900
17407	Red	5"	1-4"	.016"	1350
17143	Red	4"	3-16"	.020"	1800
17231	Red	5"	3-16"	.020"	1450
17403	Red	6"	3-16"	.020"	1080
17408	Red	8"	3-8"	.020"	450

## Prices:

	.010" Gauge	.016" Gauge	.020" Gauge
5-45 lbs.	\$1.75 lb.	\$1.50 lb.	\$1.40 lb.
50-95 lbs.	1.35 lb.	1.15 lb.	1.05 lb.
100-495 lbs.	1.20 lb.	1.02 lb.	.94 lb.
500 lbs. and over	1.05 lb.	.92 lb.	.84 lb.

Pack: 5 lb. Paper Bags—50 lb. per case.

Transportation Terms: Freight prepaid or allowed at minimum rate on shipments of 100 lbs. and over.

Prices subject to change without notice. Shipments will be invoiced at prices in effect at time of shipment.

# PACKAGED NURSERY STOCK

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For many years the WILLIS NURSERIES have specialized in preparing nursery stock for "cash and carry" trade. We were, in fact, one of the pioneers in this field, and our business has grown to such proportions that the special department we established to handle it is one of the largest in the country.

We know what varieties of nursery stock the public wants, and we know how to prepare it in a manner that is attractive to the customer and convenient to handle.

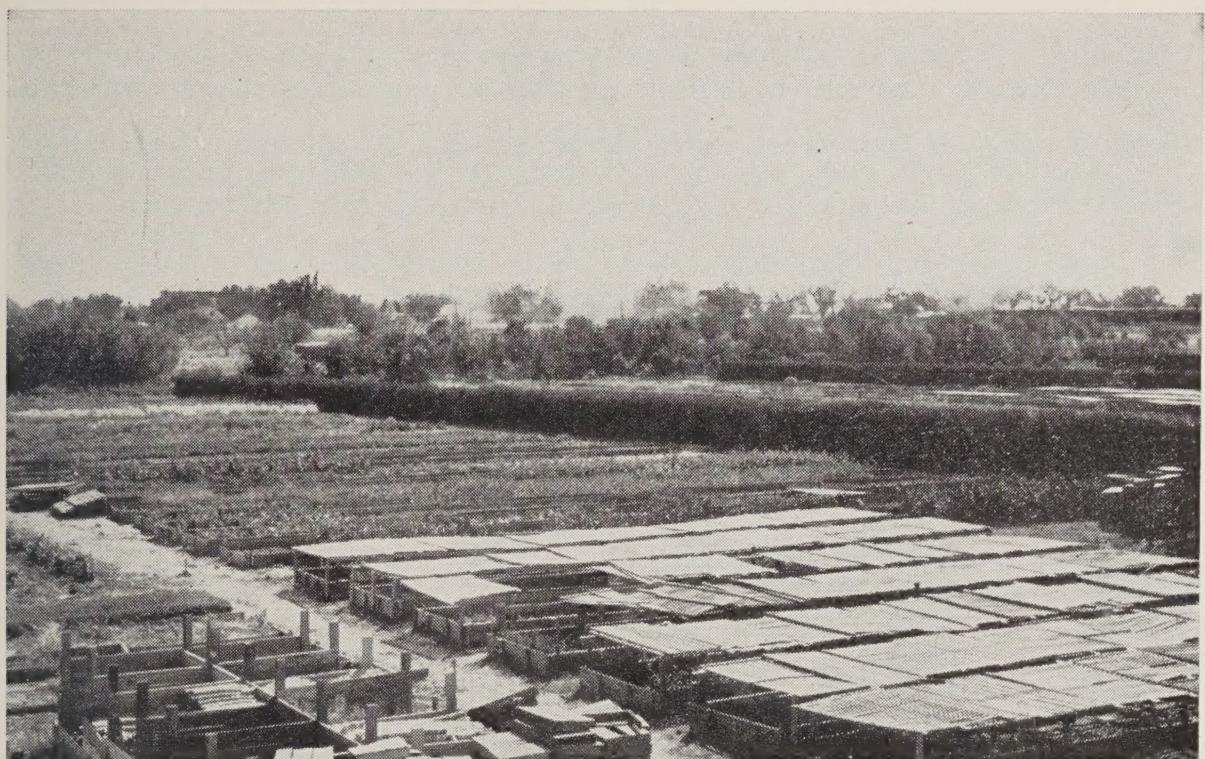
Let us help you cash in on new profit.

Every plant is wrapped in heavy waterproof crinkle-kraft paper, with peat and wood moss packing around the roots. Colored picture-tags attached to each plant make sales easy. Planting instructions accompany every package. No special facilities are required for handling this packaged stock.

- ★ **Roses**
- ★ **Shrubs**
- ★ **Hedge Plants**
- ★ **Vines**
- ★ **Shade Trees**
- ★ **Fruit Trees**
- ★ **Small Fruits**
- ★ **Perennials**



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Scene showing a field of Hydrangea A. G. in our fields at Painesville, Ohio.

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**THE WILLIS NURSERY CO., Ottawa, Kansas**

# Supplies For Nurserymen and Florists

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TERMS on all supplies are net cash.

"Beginning in the Nursery Business"	A 50 page booklet of valuable suggestions and counsel for nurserymen of limited experience, postpaid	.50
New Garden Encyclopedia.	A complete practical and convenient guide to every detail of gardening. Illustrated with 250 half-tones and more than 500 line drawings, 1380 pages	5.00
Platebook, Convenient size 7" x 9";	all in colors. More than 200 colored pictures of most popular varieties of roses, bulbs, shrubs, privet, shade trees, fruit, postpaid	1.50
Catalogue Plate Book,	48 pages, 95 plates, 82 in colors, postpaid	.50
Calipers, Tree.	Measures fractions of inch, millimeters, each	.75

## Cloverset Pots Standard Heavy Weight

No.	Height	Diam. Top	Diam. Bottom	Per 100	Per 1000
0	5 in.	5 in.	4 1/2 in.	3.00	27.50
1	6 1/2 in.	6 in.	5 1/2 in.	4.25	40.00
2	9 1/2 in.	7 in.	6 1/2 in.	4.75	45.00
3	9 in.	8 in.	7 1/2 in.	5.25	50.00
4	13 in.	12 in.	11 in.	22.50	200.00

No. 0 for perennials and greenhouse use. No. 1 for perennials. No. 2 for roses and shrubs. No. 3 for shrubs and transplanting. No. 4 for trees and shrubs too large for Nos. 2 and 3. Prices f.o.b. factory, Kansas City. No orders for less than 100 of one size.

## Grafting Tape, 60 yard roll, 1/2 inch wide

Per roll (postage extra)	1.00
Per 10 rolls (postage extra)	9.00

## Grafting Thread. One tube will wrap 2500 grafts.

Unwaxed, per tube, postpaid	.45
Waxed, per tube, postpaid	.70

**Labels, Paper strap.** This is a greatly improved label with an open slot making it easier and quicker to attach. Put up in snap-off gangs of 5 so you can put five labels in the typewriter at one time to typewrite the names. Made of tough manila paper 6 x 1/2 inches. Sold only in packages of 1000; per 1000 not postpaid

1.25

**Labels, Tree.** Wooden, notched, iron wire, 3 1/2 inch, plain, per 1000

3.00

**Labels, Tree.** Wooden, notched, copper wire, 3 1/2 inch, plain, per 1000

3.25

**Labels, Pot.** Wooden, 5/8 inch wide.

	Packed in Carton	Plain Per 1000	Painted Per 1000
4 inch	1000	2.50	3.00
5 inch	1000	2.80	3.30
6 inch	1000	3.10	3.70
8 inch	500	4.70	5.70
10 inch	500	5.70	6.70

**Pencils.** Waterproof, for labels and tags, per dozen, postpaid 1.25

## BOXING CHARGES

30 x 30 x 12	\$8.45	24 x 24 x 10	\$6.15	20 x 20 x 8	\$4.65
30 x 30 x 10	7.40	24 x 24 x 8	5.30	20 x 20 x 6	4.00
30 x 30 x 8	6.35	24 x 24 x 6	4.60	16 x 16 x 10	4.65
24 x 30 x 10	6.75	20 x 20 x 12	6.00	16 x 16 x 8	4.00
24 x 24 x 12	7.00	20 x 20 x 10	5.35	16 x 16 x 6	3.50

## CORRUGATED BOXES

24 x 15 x 18	\$ .60	23 x 11 1/2 x 7 1/2	\$ .35	17 1/2 x 4 1/2 x 7 1/2	\$ .25
23 x 16 1/2 x 7 1/2	.40	13 1/2 x 11 1/2 x 9	.30		

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